

## ABSTRACT

5 An optical information recording medium (1) is  
composed of a pit recording area (2), wherein various  
control information is recorded by a prepit, and an user  
recording area (3) having a guide groove formed in a  
groove format, and a phase depth for the prepit and the  
groove are approximately the same that the phase depth  
is less than or equal to  $\lambda/10$ , wherein  $\lambda$  is a wavelength  
10 for reproducing light source. A recording/reproducing  
apparatus (4) for the optical information recording  
medium (1) is composed of decoding means (12) for  
decoding information by detecting a tangential push-  
pull reproduced signal from the prepit recording area  
15 (2) and detecting an aggregated signal from the user  
recording area (3).

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